# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 11 Dec 2023 until 23:59 on Tuesday 12 Dec 2023

Forecast Issued on Monday 11 Dec 2023 at 03:33

**Confidence:** High for occasionally unsettled, lowering confidence in the detail of worst of the weather.

**Headline for Monday 11 Dec 2023:** Brighter spells and only scattered light showers by day with relatively light winds.

**Mountain weather hazards on Monday 11 Dec 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Cloudy | Sunny intervals | Partly cloudy (night) | Cloudy | Cloudy |
| Precipitation probability | | | | | |
| 30% | 20% | 20% | 10% | <05% | 20% |

**Forecast for Monday 11 Dec 2023**

**Weather:** Mainly dry by day after a cloudy start, with only scattered light showers expected between occasional brighter spells. Cloud building again during the evening with a band of occasionally heavy rain possibly reaching from the west late evening.

**Chance of cloud-free hill tops above 600m:** 40% through morning, becoming 70% during afternoon.

**Low Cloud and visibility:** Generally good, becoming moderate or poor in showers, very poor within cloud with bases down to 600m through the morning, particularly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Mountain Weather Forecast

**Forecast for Monday 11 Dec 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 11/16 NW | 8/10 SW | 7/10 W | 4/7 W | 3/5 E | 5/9 E | 10/18 E |
| **300** | 5/15 NW | 1/7 NW | 4/10 NW | 3/6 NW | 4/6 NE | 4/9 E | 7/19 E |
| **Valley** | 2/11 NW | 1/5 N | 2/7 N | 2/5 E | 3/5 E | 6/11 E | 9/21 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 2/-2 | 2/-1 | 2/-1 | 2/1 | 2/0 | 2/0 | 2/-2 |
| **300** | 3/1 | 2/1 | 5/3 | 4/3 | 2/0 | 2/0 | 3/-0 |
| **Valley** | 4/3 | 4/3 | 6/6 | 5/4 | 3/1 | 4/1 | 5/1 |
| **Freezing Level*** | 1000m | 1000m | 1100m | 1000m | 900m | 1000m | 1100m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Severe wind chill confined to higher peaks.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Mon 11 Dec 2023 | 17.2mm | 51.2mm | 57mm |

**Forecast for Tuesday 12 Dec 2023**

**Weather:** Mainly cloudy with showers or longer periods of rain, turning heavy at times and sporadically wintry across highest tops.

**Maximum wind:** East 15-20mph at dawn, easing slowly through the day

**Chance of cloud-free hill tops above 600m:** 40%

**Low Cloud and visibility:** Becoming moderate or poor in rain, very poor in snow and within cloud with bases quite frequently down to 600m.

**Temperature:** **Valleys:** Minus 1 Celsius increasing 8 Celsius for the afternoon
**At 600m:** Plus 2 Celsius
**Freezing level:** 1000-1200m

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